

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1120	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/22 19:15
S2	195	S1 AND dish\$1wash\$2	US-PGPUB; USPAT	ADJ	ON	2008/10/22 19:15
S3	10	(S1 AND ware\$1wash \$3) NOT S2	US-PGPUB; USPAT	ADJ	ON	2008/10/22 20:04
S4	119	(dish\$1wash\$3 or ware \$1wash\$3) AND (fill SAME valve) AND control\$3 and (motor NEAR2 (speed or current))	US-PGPUB; USPAT	ADJ	ON	2008/10/22 20:07
S5	7	US-6735705-\$.DID. OR US-20040044816-\$. DID. OR US-5768729- \$.DID. OR US- 5330580-\$.DID. OR US-5284580-\$.DID. OR US-4481786-\$. DID. OR US-4404811- \$.DID.	US-PGPUB; USPAT	ADJ	ON	2008/10/23 11:06
S6	88	dish\$wash\$3 AND (current near2 transformer)	US-PGPUB; USPAT	ADJ	ON	2008/10/23 13:29
S7	50	(US-20040099287-\$ or US-20040103926-\$ or US-20060054194-\$ or US-20060054196-\$ or US-20060054197-\$ or US-20060054198-\$ or US-20060060224-\$ or US-20060060226-\$ or US-20060219262-\$ or US-20060237049-\$ or US-20070151579-\$ or US-20070272283-\$). did. or (US-4392891-\$ or US-4781206-\$ or US-4810306-\$ or US- 4872466-\$ or US- 4612947-\$ or US- 4754770-\$ or US- 5711326-\$ or US- 5779812-\$ or US-	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:35

		5803100-\$ or US-3633622-\$ or US-3903909-\$ or US-4069425-\$ or US-4276001-\$ or US-4566287-\$ or US-4800906-\$ or US-5264043-\$ or US-5273061-\$ or US-5284523-\$ or US-5320120-\$ or US-5494062-\$ or US-5499640-\$ or US-5566696-\$ or US-5628334-\$ or US-5655556-\$ or US-5673714-\$ or US-5803985-\$).did. or (US-5889244-\$ or US-5924432-\$ or US-6092540-\$ or US-5240019-\$ or US-3568789-\$ or US-3559889-\$ or US-3655296-\$ or US-4011101-\$ or US-4147558-\$ or US-4147559-\$ or US-RE30478-\$ or US-RE30537-\$).did.				
S8	1120	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36
S9	195	S8 AND dish\$1wash\$2	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36
S10	10	(S8 AND ware\$1wash\$3) NOT S9	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36
S11	119	(dish\$1wash\$3 or ware\$1wash\$3) AND (fill SAME valve) AND control\$3 and (motor NEAR2 (speed or current))	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36
S12	7	US-6735705-\$ DID. OR US-20040044816-\$. DID. OR US-5768729-\$. DID. OR US-5330580-\$. DID. OR US-5284580-\$. DID. OR US-4481786-\$. DID. OR US-4404811-\$. DID.	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36

S13	88	dish\$wash\$3 AND (current near2 transformer)	US-PGPUB; USPAT	ADJ	ON	2008/10/23 18:36
S14	25	(S7 S9 S10 S11 S12 S13) AND amplitude	US-PGPUB; USPAT	OR	ON	2008/10/23 18:36
S15	306	dish\$1wash\$3 AND amplitude AND current	US-PGPUB; USPAT	ADJ	ON	2008/10/23 19:10
S16	137	transformer and converter and dish \$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/10/23 19:37
S17	77	transformer and ((analog near2 digital) near2 converter) and dish\$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/10/23 19:45
S18	17	transformer and ("A/D" near2 converter) and dish\$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/10/23 20:00
S19	1120	134/18.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 11:44
S20	17	transformer and ("A/D" near3 converter) and dish\$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/10/24 11:55
S21	7979	transformer and ("A/D" near3 converter)	US-PGPUB; USPAT	ADJ	ON	2008/10/24 11:57
S22	1391	(current adj transformer) and ("A/D" near3 converter)	US-PGPUB; USPAT	ADJ	ON	2008/10/24 11:57
S23	80	S22 and (dish\$wash\$3 or appliance)	US-PGPUB; USPAT	ADJ	ON	2008/10/24 11:57
S24	15	(dish\$wash\$3 or appliance) AND (((analog near2 digital) or "A/D") near2 converter) AND transformer	EPO; JPO; DERWENT	ADJ	ON	2008/10/24 12:01
S25	1	("4858141").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/24 12:08

S26	31	("4207557"   "4360881"   "4442492"   "4476535"   "4539562"   "4568934"   "4581705"   "4612617"   "4612619"   "4628443"   "4630211"   "4631693"   "4639876"   "4672555"   "4694373"   "4720806").PN. OR ("4858141").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/24 12:10
S27	26110	"68".clas.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 15:28
S28	0	134/56.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 15:29
S29	669	134/56R.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 15:29
S30	452	134/56D.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 15:30
S31	39	(line NEAr2 voltage) SAME dish\$1wash\$3	US-PGPUB; USPAT	ADJ	ON	2008/10/24 15:32
S32	501	134/57D.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/10/24 17:22
S33	9	"5202582"	US-PGPUB; USPAT	ADJ	ON	2008/10/29 17:08
S34	0	dish\$1wash\$3 same filter sameconverter	US-PGPUB; USPAT	ADJ	ON	2008/10/29 17:37
S35	2	dish\$1wash\$3 same filter same converter	US-PGPUB; USPAT	ADJ	ON	2008/10/29 17:37
S36	32	dish\$1wash\$3 same line adj voltage	US-PGPUB; USPAT	ADJ	ON	2008/10/29 17:41
S37	24	(US-20040099287-\$ or US-20040118435-\$ or US-20050005952-\$ or US-20060237044-\$ or US-20070017551-\$ or US-20030137263-\$ or US-20030142982-\$ or US-20040255988-\$ or US-20040044816-\$ or US-20050099314-\$ or US-20060219262-\$ or US-20060272704-\$). did. or (US-4097307-\$	US-PGPUB; USPAT	ADJ	ON	2008/10/30 07:48

		or US-4559959-\$ or US-4673441-\$ or US-5408716-\$ or US-4481786-\$ or US-5284523-\$ or US-5577399-\$ or US-5797996-\$ or US-6735705-\$ or US-5330580-\$ or US-4318084-\$ or US-6887318-\$).did.				
S38	8	((US-20040099287-\$ or US-20040118435-\$ or US-20050005952-\$ or US-20060237044-\$ or US-20070017551-\$ or US-20030137263-\$ or US-20030142982-\$ or US-20040255988-\$ or US-20040044816-\$ or US-20050099314-\$ or US-20060219262-\$ or US-20060272704-\$). did. or (US-4097307-\$ or US-4559959-\$ or US-4673441-\$ or US-5408716-\$ or US-4481786-\$ or US-5284523-\$ or US-5577399-\$ or US-5797996-\$ or US-6735705-\$ or US-5330580-\$ or US-4318084-\$ or US-6887318-\$).did.) AND "line voltage"	US-PGPUB; USPAT	ADJ	ON	2008/10/30 07:49
S39	2790	appliance AND "line voltage"	US-PGPUB; USPAT	ADJ	ON	2008/10/30 07:52
S40	53	(dish\$1wash\$3, ware \$1wash\$3) same sensor same ((current, volt\$4) near5 (pump, motor))	US-PGPUB; USPAT	OR	ON	2009/08/12 15:38
S41	1	"20070151579"	US-PGPUB; USPAT	OR	ON	2009/08/12 15:39
S42	2427	controller same ((de \$1activat\$5, discharg \$4) near4 sensor)	US-PGPUB; USPAT	OR	ON	2009/08/12 17:23
S43	8	S42 and dish\$1wash\$3	US-PGPUB; USPAT	OR	ON	2009/08/12 17:23

S44	707	controller same ((de \$1activat\$5, de \$1energize) near4 sensor)	US-PGPUB; USPAT	OR	ON	2009/08/12 17:26
S45	394	controller same ((de \$1activat\$5, de \$1energize) near2 sensor)	US-PGPUB; USPAT	OR	ON	2009/08/12 17:26
S46	3	controller same ((de \$1activat\$5, de \$1energize) near2 sensor) and dishwasher	US-PGPUB; USPAT	OR	ON	2009/08/12 17:29
S47	10032	sensor near2 (discharg \$3, reset)	US-PGPUB; USPAT	OR	ON	2009/08/13 08:31
S48	1251	sensor near2 (discharg \$3, reset) same controller	US-PGPUB; USPAT	OR	ON	2009/08/13 09:26
S49	61	"5284580"	US-PGPUB; USPAT	ADJ	ON	2009/08/13 09:40
S50	40	dish\$1wash\$3 same timer same reset	US-PGPUB; USPAT	ADJ	ON	2009/08/13 09:59
S51	25	(US-20040099287-\$ or US-20040118435-\$ or US-20050005952-\$ or US-20060237044-\$ or US-20070017551-\$ or US-20030137263-\$ or US-20030142982-\$ or US-20040255988-\$ or US-20040044816-\$ or US-20050099314-\$ or US-20060219262-\$ or US-20060272704-\$ or US-20070151579-\$). did. or (US-4097307-\$ or US-4559959-\$ or US-4673441-\$ or US-5408716-\$ or US-4481786-\$ or US-5284523-\$ or US-5577399-\$ or US-5797996-\$ or US-6735705-\$ or US-5330580-\$ or US-4318084-\$ or US-6887318-\$). did.	US-PGPUB; USPAT	ADJ	ON	2009/08/13 12:34
S52	8	"5768729"	US-PGPUB; USPAT	ADJ	ON	2009/08/13 12:46
S53	6	S51 and amplifier	US-PGPUB; USPAT	ADJ	ON	2009/08/13 13:03

**8/17/2009 1:47:52 PM**

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dishwasher water flow.wsp**